ACTA PÆDIATRICA SCANDINAVICA

Vol. 70. 1981

CHIEF EDITOR
R. Zetterström, Stockholm

CO-EDITORS
S. Sjölin, Uppsala and B. Lindquist, Lund

MANAGING EDITOR
C. G. Bergstrand, Stockholm

ASS. MANAGING EDITOR
Johan Gentz, Stockholm

Advisory Board

Aarskog, D., Bergen
Arnórsson, V. K., Reykjavik
Broberger, O., Stockholm
Fernandes, J., Groningen
Friis-Hansen, B., Copenhagen
Hagberg, B., Göteborg
Iversen, T., Århus
Kildeberg, P., Odense
Kouvalainen, K., Oulu
Larsson, Y., Linköping
Moe, J. P., Trondheim
Peltonen, T., Turku
Perheentupa, J., Helsinki
Seip, M., Oslo
Stoop, J. W., Utrecht
Visser, H. K. A., Rotterdam

Contents

Original articles

Adinolfi, M., Dobson, N. C. and Bradwell A. R.: Synthesis of Two Components of Human Complement, β1H and C3bINA, during Fetal Life 705

Ahlfors, K., Ivarsson, S. A., Johnsson, T. (†) and Renmarker, K.: Risk of Cytomegalovirus Infection in Nurses and Congenital Infection in Their Offspring 819

Ahnsjö, S., Humble, K., Larsson, Y., Settergren-Carlsson, G. (†) and Sterky, G.: Personality Changes and Social Adjustment During the First Three Years of Diabetes in Children 321

Alm, J. and Larsson, A.: Evaluation of a Nation-Wide Neonatal Metabolic Screening Programme in Sweden 1965–1979 601

Alm, J., Larsson, A. and Zetterström, R.: Congenital Hypothyroidism in Sweden 907

Andersen, G. E., Heil, M., Christensen, N. C., Bott, H., Lous, P. and Friis-Hansen, B.: Hyperlipemia Among 1 407 Danish Children whose Fathers have died from Ischemic Heart Disease before Age 45 843

Andersson, U., Bird, G. and Britton, S.: A Sequential Study of Human B Lymphocyte Function from Birth to Two Years of Age 837

Andréasson, B., Svenningsen, N. W. and Nordenfeldt, E.: Screening for Viral Infections in Infants with Poor Intrauterine Growth 673

Antonelli, M., Modesti, A., De Angelis, M, Marcolini, P., Lucarelli, N. and Crifò, S.: Immotile Cilia Syndrome: Radial Spokes Deficiency in a Patient with Kartagener's Triad 571

Aperia, A., Broberger, O., Elinder, G., Herin, P. and Zetterström, R.: Postnatal Development of Renal Function in Pre-Term and Full-Term Infants 183

Aperia, A., Bergqvist, G., Linné, T. and Zetterström, R.: Familial Fanconi Syndrome with Malabsorption and Galactose Intolerance, Normal Kinase and Transferase Activity 527

Aynsley-Green, A., Barnes, N. D., Adrian, T. E., Kingston, J., Boyes, S. and Bloom, S. R.: Effect of Somatostatin Infusion in Intermediary Metabolism and Entero-Insular Hormone Release in Infants with Hyperinsulinaemic Hypoglycaemia 889

Bakkeren, J., Monnens, L. and van Os, C.: Defect in Bile Acid Concentrating Ability of the Gallbladder in Congenital Chloride Diarrhoea 43

Beard, L. J., Thong, Y. H. and Turner, T. W.: The Immunological Status of Children with Atopic Dermatitis 551

Bennet, R., Eriksson, M. and Zetterström, R.: Increasing Incidence of Neonatal Septicemia: Causative Organism and Predisposing Risk Factors 207

Bhaskaram, P. and Reddy, V.: Bactericidal Activity of Human Milk Leukocytes 87

van Biervliet, J. P., Vinaimont, N., Caster, H., Vercaemst, R. and Rossenau M.: Plasma Apoprotein and Lipid Patterns in Newborns: Influence of Nutritional Factors 851

De Biéville, F., Neijens, H. J., Fernandes, J., van Caillie, M. and Kerrebijn, K. F.: Cimetidine as an Adjunct to Oral Enzymes in the Treatment of Malabsorption due to Cystic Fibrosis 33

Boman, H. and Schneider, J. A.: Prenatal Diagnosis of Nephropathic Cystinosis 389

Borgström, A., Sveger, T., Lindberg, T., Kullander, S. and Svanberg, L.: Immunoreactive Trypsin, Chymotrypsin and Pancreatic Secretory Trypsin Inhibitor in Cord Blood from Infants with Cystic Fibrosis 619

Brock Jacobsen, B., Hansted, L. C., Brandt, N. J., Haahr, J., Hummer, L., Munkner, T. and Sølvsten Sørensen, S.: Thyroxine-Binding Globulin Deficiency in Early Childhood 155

Brook, I.: Aerobic and Anaerobic Bacteriology of Peritonsillar Abscess in Children 831

Carlsen, N. L. T., Nielsen, O. H. and Hertz, H.: Neuroblastoma. Evaluation of 60 Cases 61

Cavell, B.: Effect of Feeding an Infant Formula with High Energy Density on Gastric Emptying in Infants with Congenital Heart Disease 513

Cabell, B.: Gastric Emptying in Infants with Congenital Heart Disease 517

Cavell, B.: Gastric Emptying in Infants with Cystic Fibrosis 635

Cavell, B.: Gastric Emptying in Infants fed Human Milk or Infant Formula 639

Christensen, N. Chr.: Free Fatty Acids, Glycerol and Triglycerides during the First 24 Hours in Infants with a Birth Weight $\leq$2 700 Grams 485

Cicognani, A., Salardi, S., Mazzanti, L., Cacciari, E., Pirazzoli, P., Zapulla, F., Bernardi, F. and Bergamaschi, R.: Sensitivity to Exogenous Insulin and Release of Endogenous Insulin in Hypopituitary Non-Hypoglycemic Children Treated with HGH 47

Clark, C., Gibbs, J. A. H., Maniello, R., Outerbridge, E. W. and Aranda, J. V.: Blood Transfusion: A Possible Risk Factor in Retrolental Fibroplasia 535

Cotton, R. B., Lindstrom, D. P. and Stahlman, M. T.: Early Prediction of Symptomatic Patent Ductus Arteriosus from Perinatal Risk Factors: A Discriminant Analysis Model 723

Dalens, B., Bezou, M. J., Raynaud, E. J., Coulet, M. and Gaulme, J.: Qualitative Cytology of Cerebrospinal Fluid as an Indicator of Neonatal Brain Damage and Psychomotor Outcome 161

Dalens, B., Viallard, J. L., Raynaud, E. J. and Dastugue, B.: Enzyme Studies and Neonatal Brain Damage 743

Delange, F., Illig, R., Rochiccioli, P. and Brock-Jacobsen, B.: Progress Report 1980 on Neonatal Thyroid Screening in Europe 1

Ebbesen, F.: Bilirubin Reserve Albumin for Binding of Bilirubin and pH in Plasma during Phototherapy (Ordinary and Double Light) of Term Newborn Infants 223

Ebbesen, F.: The Relationship Between Serum Bilirubin and Reserve Albumin for Binding of Bilirubin During Phototheraphy of Preterm Infants 405

Ebbesen, F.: Effect of Exchange Transfusion on Serum

Reserve Albumin for Binding of Bilirubin and Index of Serum Bilirubin Toxicity 643
Ebbesen, F. and Brodersen, R.: Albumin Administration Combined with Phototherapy in Treatment of Hyperbilirubinaemia in Low-Birth-Weight Infants 649
Eeg-Olofsson, O., Link, H. and Wigertz, A.: Concentrations of CSF Proteins as a Measure of Blood Brain Barrier Function and Synthesis of IgG within the CNS in "Normal" Subjects from the Age of 6 Months to 30 Years 167
Egeskjold, E.-M., Permin, H., Hørbov, S. and Graudal, H.: Anti-IgG Antibodies in Juvenile Rheumatoid Arthritis 711
Fernandes, J., Dijkhuis-Stoffelsma, R., Groot, P. H., Grose, W. F. A. and Ambagtsheer, J. J.: The Effect of a Virtually Cholesterol-Free, High-Linoleic-Acid Vegetarian Diet on Serum Lipoproteins of Children with Familial Hypercholesterolemia (Type II-A) 677
Fällström, S.-P., Lindblad, B. and Steen, G.: On the Renal Tubular Damage in Hereditary Tyrosinemia and on the Formation of Succinylacetoacetate and Succinylacetone 315
Gibson, R. S. and Dewolfe, M. S.: Changes in Serum Zinc Concentrations of some Canadian Full Term and Low Birth Weight Infants from Birth to Six Months 497
Gustafsson, G., Kreuger, A. and Dohlwitz, A.: Acute Lymphoblastic Leukemia in Swedish Children 1973–1978 609
Günöz, H., Neyzi, O., Sencer, E., Molvalilar, S. and Argun, A.: Growth Hormone Secretion in Protein Energy Malnutrition 521
Hagberg, B., Hagberg, G., Lewerth, A. and Lindberg, U.: Mild Mental Retardation in Swedish School Children. I. Prevalence 441
Hagberg, B., Hagberg, G., Lewerth, A. and Lindberg, U.: Mild Mental Retardation in Swedish School Children. II. Etiologic and Pathogenetic Aspects 445
Haglund, M., Bergvall, U., Theorell, K. and Troell, S.: Infantile Spasm and Tuberous Sclerosis 751
Hattevig, G., Jonsson, M., Kjellman, B., Kjellman, H., Messeter, L. and Tibblin, E.: Screening of RH-Antibodies in RH-Negative Female Infants with RH-Positive Mothers 541
Hjalmarson, O.: Epidemiology and Classification of Acute, Neonatal Respiratory Disorders 773
Hofvander, Y., Hagman, U., Linder, C.-E., Vaz, R. and Slorach, S. A.: WHO Collaborative Breast Feeding Study. 1. Organochlorine Contaminants in Individual Samples of Swedish Human Milk, 1978–1979 3
Holmin, T. and Kullendorff, C. M.: Diagnostic Aids for Benign Tumours of the Liver in Children 755
Hoppu, K. and Santavuori, P.: Diazepam Rectal Solution for Home Treatment of Acute Seizures in Children 369
Howard, N. J., Monaghan, H. and Martin, J. M.: Hemoglobin A_1 in Galactosemia, a Possible Role in Monitoring Dietary Compliance 695
Håga, P. with the technical assistance of Kran, S.: Ceruloplasmin Levels and Erythrocyte Superoxide Dismutase Activity in small Preterm Infants during the Early Anemia of Prematurity 861
Jansen, M., Wit, J. M. and van den Brande, J. L.: Reinstitution of Mineralocorticoid Therapy in Congenital Adrenal Hyperplasia 229
Jansson, L., Holmberg, L. and Jakobsson, I.: The Effect of Dietary γ-Tocopherol on Serum Tocopherols in Formula-Fed Infants 297
Joner, G. and Søvik, O.: Incidence, Age at Onset and Seasonal Variation of Diabetes Mellitus in Norwegian Children 1973–1977 329
Kaas Ibsen, K.: Blood Pressure in Danish Children and Adolescents 27
Kafetzis, D. A., Siafas, C. A., Georgakopoulos, P. A. and Papadatos, C. J.: Passage of Cephalosporins and Amoxicillin into the Breast Milk 285
Klackenberg, G.: Nocturnal Enuresis in a Longitudinal Perspective 453
Kovar, I. and Mayne, P.: Plasma Alkaline Phosphatase Activity in the Preterm Neonate 501
Kristiansson, B., Karlberg, J. and Fällström, S.-P.: Infants with Low Rate of Weight Gain. I. A Study of Organic Factors and Growth Patterns 655
Kristiansson, B. and Fällström, S.-P.: Infants with Low Rate of Weight Gain. II. A Study of Environmental Factors 663
Lagenstein, I., Schwendemann, G., Hühne, D., Koepp, P., Stahnke, N. and Sternowsky, H.-J.: Neuronal Ceroidlipofuscinosis: CCT Findings in Fourteen Patients 857
Landin, L. and Nilsson, B. E.: Forearm Bone Mineral Content in Children 919
Larsson, A., Ljunggren, J.-G., Ekman, K., Nilsson, A. and Olin, P.: Screening for Congenital Hypothyroidism. I. Laboratory Results of a Pilot Study Based on Dried Blood Samples Collected for PKU Screening 141
Larsson, A., Ljunggren, J.-G., Ekman, K., Nilsson, A., Olin, P. and Bodegård, B.: Screening for Congenital Hypothyroidism. II. Clinical Findings in Infants with Positive Screening Tests 147
Larsson, A., Mattson, B., Wauters, E. A. K., van Gool, J. D., Duran, M. and Wadman, S. K.: 5-Oxoprolinuria due to Hereditary 5-Oxoprolinase Deficiency in Two Brothers—A New Inborn Error of the γ-Glutamyl Cycle 301
Larsson, A., Hedenborg, G. and Carlström, A.: Placental Transfer of Maternal Anti-Rabbit IgG Causing Falsely Elevated TSH Levels in Neonates 699
Larsson, B., Slorach, S. A., Hagman, U. and Hofvander, Y.: WHO Collaborative Breast Feeding Study. II. Levels of Lead and Cadmium in Swedish Human Milk 1978–1979 281
Lewiston, N. J., Conley, J. and Blessing-Moore, J.: Measurement of Hypothetical Burnout in Cystic Fibrosis Caregivers 935
Lindham, S.: Omphalocele and Gastroschisis in Sweden 1965–1976 55
Lucas, A., Boyes, S., Bloom, S. R. and Aynsley-Green, A.: Metabolic and Endocrine Responses to a Milk Feed in Six-Day-Old Term Infants: Differences Between Breast and Cow's Milk Formula Feeding 195
Lucas, A., Aynsley-Green, A., Blackburn, A. M., Adrian, T. E. and Bloom, S. R.: Plasma Neurotensin in Term and Preterm Neonates 201

Lütschg, J. and Vasella, F.: Neurological Complications in Hemophilia 235
Martin, A. J., Landau, L. I. and Phelan, P. D.: The Effect on Growth of Childhood Asthma 683
Milner, R. D. G., Minoli, I., Moro, G., Rubecz, I., Whitfield, M. F. and Assan, R.: Growth and Metabolic and Hormonal Profiles during Transpyloric and Nasogastric Feeding in Preterm Infants 9
Miltényi, M., Pohlandt, F., Bóka, G. and Kun, E.: Tubular Proteinuria after Perinatal Hypoxia 399
Moe, P. J., Seip, M. and Finne, P. H.: Intermediate Dose Methotrexate (IDM) in Childhood Acute Lymphocytic Leukemia in Norway. Preliminary Results of a National Treatment Program 73
Modéer, T., Tomson, G., Falk, O. and Rane, A.: Phenytoin and IgA Concentrations in Plasma and Saliva in Epileptic Children 373
Monn, E.: Prostaglandin Synthetase Inhibitors in the Treatment of Nephrogenic Diabetes Insipidus 39
Moretti, C., Marzetti, G., Agostino, R., Panero, A., Picece-Bucci, S., Mendicini, M., Colarizi, P. and Bucci G.: Prolonged Intermittent Positive Pressure Ventilation by Nasal Prongs in Intractable Apnea of Prematurity 211
Morgan, J. and Mumford, P.: Preliminary Studies of Energy Expenditure in Infants under Six Months of Age 15
Mäki, M.: A Prospective Clinical Study of Rotavirus Diarrhoea in Young Children 107
Ohlsson, A. and Serenius, F.: Neonatal Septicemia in Riyadh, Saudi Arabia 825
Pedersen, P. S., Winge Flensborg, E. and Johnsen, S. G.: Urinary 17-Ketosteroids in Cystic Fibrosis 507
Pedersen, S. and Sommer, B.: Rectal Administration of Theophylline in Aqueous Solution 243
Persson, K., Rönnerstam, R., Svanberg, L. and Holmberg, L.: Maternal and Infantile Infections with Chlamydia in a Swedish Population 101
Petersen, K. E.: ACTH in Normal Children and Children with Pituitary and Adrenal Diseases. I 341
Petersen, N. T., Høiby, N., Mordhorst, C. H., Lind, K., Winge Flensborg, E. and Bruun, B.: Respiratory Infections in Cystic Fibrosis Patients Caused by Virus Chlamydia and Mycoplasma-Possible Synergism with *Pseudomonas Aeruginosa* 623
Petersen, S., Christensen, N. C., Møller Jensen, K. and Ryssing, E.: Serum Indomethacin Concentrations after Intravenous Administration to Preterm Infants with Patent Ductus Arteriosus 729
Petersen, S., Christensen, N. C. and Fogh-Andersen, N.: Effect on Serum Calcium of 1α-Hydroxy-Vitamin D Supplementation in Infants of Low Birth Weight, Infants with Perinatal Asphyxia, and Infants of Diabetic Mothers 897
Pettersen, J. E. and Winsnes, A.: Dicarboxylic Aciduria during Ketotic Phases in Various Types of Glycogen Storage Disease 309
Pettersson, H., Nilsson, I. M., Hedner, U., Noréhn, K. and Ahlberg, Å.: Radiologic Evaluation of Prophylaxis in Severe Haemophilia 565
Picciano, M. F., Calkins, E. J., Garrick, J. R. and Deering, R. H.: Milk and Mineral Intakes of Breastfed Infants 189
Pilgaard, S., Hansen, F. J. and Paerregaard, P.: Prophylaxis against Febrile Convulsions with Phenobarbital. A 3-Year Prospective Investigation 67
Procianoy, R. S., Garcia-Prats, J. A., Hittner, H. M., Adams, J. M. and Rudolph, A. J.: An Association Between Retinopathy of Prematurity and Intraventricular Hemorrhage in very Low Birth Weight Infants 473
Procianoy, R. S. and Schvartsman, S.: Blood Pesticide Concentration in Mothers and Their Newborn Infants 925
Puukka, R., Puukka, M., Linna, S.-L., Joensuu, T. and Kouvalainen, K.: Elevated Erythrocyte Adenosine Deaminase Activity in Down's Syndrome 739
Pylkkänen, J., Vilska, J. and Koskimies, O.: Scoring of Urinary Findings as an Aid in Diagnosis for Childhood Urinary Tract Infection 875
Pylkkänen, J., Vilska, J. and Koskimies, O.: The Value of Level Diagnosis of Childhood Urinary Tract Infection in Predicting Renal Injury 879
Pylkkänen, J., Vilska, J. and Koskimies, O.: The Length of Antimicrobial Therapy in Upper vs. Lower Urinary Tract Infection of Childhood 885
Raimbault, G.: Children Talk about Death 179
Rasmussen, P., Fasth, A., Ahlmén, J., Brynger, H., Iwarson, S. and Kjellmer, I.: Children of Female Renal Transplant Recipients 869
Rechnitzer, C., Scheibel, E. and Hendel, J.: Methotrexate in the Plasma and Cerebrospinal Fluid of Children Treated with Intermediate Dose Methotrexate 615
Reitamo, S., Konttinen, Y. T., Dodd, S. and Adinolfi, M.: Distribution of Lactoferrin in Human Fetal Tissues 395
Ryssing, E.: Contrast Echocardiography: The Descending Thoracic Aorta and the Left Atrial Posterior Wall in Neonates 735
Sann, L., Rigal, D., David, L., Frederich, A. and Lahet, C.: Late Evolution of Serum Immunoreactive Parathyroid Hormone, Calcitonin and Plasma 25-Hydroxy Cholecalciferol Concentrations in very Low-Birth-Weight Infants 479
Sato, H., Kashiwamata, S., Kuroyanagi, M. and Yamasaki, Y.: Effect of Phototherapy on Erythrocyte Membrane Proteins of Full-Term and Premature Human Newborn Infants 409
Selvig, K., Alme, A., Rugstad, H. E., Aas, K. and Bjerve, K. S.: Evaluation of a New Sustained-Release Theophylline Tablet for Children 929
Shalet, S. M., Whitehead, E., Chapman, A. J. and Beardwell, C. G.: The Effects of Growth Hormone Therapy in Children with Radiation-Induced Growth Hormone Deficiency 81
Sharma, L. K., Marya, R. K. and Chandran, A. P.: A Clinical Evaluation of Anorectal Electromyography in the Diagnosis of Hirschsprung's Disease 865
Siemes, H., Siegert, M. and Hanefeld, F.: Occurrence of Oligoclonal Gammaglobulin in the CSF of Children with Prolonged and Chronic CNS-Infections 91
Sigström, L., Waldenström, J. and Karlberg, P.: Characteristics of Active Sodium and Potassium Transport in Erythrocytes of Healthy Infants and Children 347

Sigström, L.: The Role of Active Sodium and Potassium Transport in Hyponatremic States in Infancy and Childhood 353
Sigström, L.: Characteristics of Active Sodium and Potassium Transport in Erythrocytes in Children with Different Stages of Symptomatic Uremia 361
Sinniah, F. and Yaday, M.: Elevated IgG and Decreased Complement Component C3 and Factor B in B-Thalassaemia Major 547
Sólyom, J., Hervei, S., Marossy, P., Sólyom, E., Babosa, M. and Szombathy, G.: 'Dot-17 α-Hydroxyprogesterone' Radioimmunoassay for Identification of Congenital Adrenal Hyperplasia in Young Infants 913
Stenhammar, L. and Johansson, C.-G.: The Incidence of Coelic Disease in Children in South-East Sweden 379
Stenhammar, L.: Transient Gastro-Intestinal Disorders During Infancy and Early Childhood 383
Stokes, G. M., Milner, A. D. and Groggins, R. C.: Work of Breathing, Intra-Thoracic Pressure and Clinical Findings in a Group of Babies with Bronchiolitis 689
Suprun, H. and Freundlich, E.: Fatal Familial Steatosis of Myocardium, Liver and Kidneys in Three Siblings 247
Swanström, S. and Bratteby, L.-E.: Metabolic Effects of Obstetric Regional Analgesia and of Asphyxia in the Newborn Infant during the First Two Hours after Birth. I. Arterial Blood Glucose Concentrations 791
Swanström, S. and Bratteby, L.-E.: Metabolic Effects of Obstetric Regional Analgesia and of Asphyxia in the Newborn Infant during the First Two Hours after Birth. II. Arterial Plasma Concentrations of Glycerol, Free Fatty Acids and Beta-hydroxybutyrate 801
Swanström, S. and Bratteby, L.-E.: Metabolic Effects of Obstetric Regional Analgesia and of Asphyxia in the Newborn Infant during the First Two Hours after Birth. III. Adjustment of Arterial Blood Gases and Acid-base Balance 811
Sveger, T. and Thelin, T.: Four-Year-Old Children with α-Antitrypsin Deficiency 171
Tegner, H., Ceder, O., Roomans, G. M., Kollberg, H. and Toremalm, N. G.: Effects of Cystic Fibrosis Serum and Cell Culture Medium on the Mucociliary Activity of the Respiratory Tract 629
Tikanoja, T., Tikanoja, S. and Simell, O.: Plasma Conjugated Cholic Acid in Premature and Term Newborns and Young Infants 491
Valkeakari, T., Anttolainen, I., Aurekoski, H. and Björkqvist, S.-E.: Follow-Up Study of Phototreated Fullterm Newborns 21
Vejvoda, M. and Grant, D. B.: Discordant Bone Maturation of the Hand in Children with Precocious Puberty and Congenital Adrenal Hyperplasia 903
Verkasalo, M., Kuitunen, P. and Savilahti, E. with the collaboration of Tiilikainen, A.: Changing Pattern of Cow's Milk Intolerance 289
Vesikari, T., Sarkkinen, H. K. and Mäki, M.: Quantitative Aspects of Rotavirus Excretion in Childhood Diarrhoea 717
Vogt, H., Haneberg, B., Finne, P. H. and Stensberg, Å.: Clinical Assessment of Gestational Age in the Newborn Infant 669
Vyas, H., Milner, A. D. and Hopkin, I. E.: Relationship between Apnoea and Bradycardia in Preterm Infants 785
Wardell, J. M., Hill, C. M. and D'Souza, S. W.: Effect of Pasteurization and of Freezing and Thawing Human Milk on its Triglyceride Content 467
Weemaes, C. M. R., Hustinx, T. W. J., Scheres, J. M. J., van Munster, P. J. J., Bakkeren, J. A. J. M. and Taalman, R. D. F. M.: A New Chromosomal Instability Disorder: The Nijmegen Breakage Syndrome 557
Whyte, J. and Graham, G.: Prediction of the Severity of ABO Haemolytic Disease of the Newborn by Cord Blood Tests 217
Yamashiro, Y., Yamamoto, T. and Mayama, H.: Nonketotic Hyperosmolar Coma in Two Diabetic Children 337
Yap, P. L., McKiernan, J., Mirtle, C. L. and McClelland, D. B. L.: The Development of Mammary Secretory Immunity in the Human Newborn 459

Review Article

Esscher, E.: Congenital Complete Heart Block 131

Case Reports

Andersen, R., Bergan, T., Halvorsen, K., Kallings, I. and Ørstavik, I.: Legionnaires' Disease Combined with Erythema Multiforme in a 3-Year-Old Boy 427
Annerén, G. and Sedin, G.: Trisomy 9 Syndrome 125
Appleby, G. A. J., Forestier, E. and Starck, C. J.: Hydrops of the Gallbladder in the Neonatal Period 117
Beesley, J., Eastham, E. J., Jackson, R. H. and Nelson, R.: Clindamycin Associated Pseudomembranous Colitis 129
Cucchiara, S., Vecchio, P., Romaniello, G., Staiano, A., Tanburrini, O. and Pettinato, G.: Gastric Lymphoma Diagnosed by Fiberoptic Endoscopy in a Child 945
Eeg-Olofsson, O. and Liedgren, S.: A Re-Investigation of an Inherited Chromosome Aberration in a Girl with Signs of De Lange Syndrome 581
Eeg-Olofsson, O., Carlsson, E. and Jeppson, S.: Recurrent Abdominal Pains as the First Symptom of a Spinal Cord Tumor 595
Marilus, R., Dickerman, Z., Kaufman, H., Varsano, I. and Laron, Z.: Addison's Disease Associated with Precocious Sexual Development in a Boy 587
Martini, A., Binda, S., Mariani, G., Scotta, M. S. and Ruberto, G.: Goodpasture's Syndrome in a Child: Natural History and Effect of Treatment 435
Matsaniotis, N., Tzortzatou-Stathopoulou, F., Thomaidis, Th., Karakatsani-Kerasioti, Z., Theodoridis, Ch. and Dacou-Voutetakis, C.: Diabetes Mellitus and Addison's Disease in an Adolescent Female 949
Merlob, P., Grünebaum, M. and Reisner, S. H.: A Newborn Infant with Craniofacial Dysmorphism and Polysyndactyly (Greig's Syndrome) 275
Monnens, L., Drayer, J. and De Jong, M.: Malignant Hypertension in a Child with Hemolytic-Uremic Syndrome Treated with Captopril 583
Ohlsson, A.: Acrodermatitis Enteropathica 269

Ritzén, E. M., Mahler, H. and Alveryd, A.: Transitory Congenital Hypothyroidism and Maternal Thyroiditis 765
Shilkin, R., Wilson, G. and Owles, E.: 3-Hydroxy-3-Methylglutaryl Coenzyme A Lyase Deficiency 265
Stern, M., Hellwege, H. H., Grävinghoff, L. and Lambrecht, W.: Total Aganglionosis of the Colon (Hirschsprung's Disease) and Congenital Failure of Automatic Control of Ventilation (Ondine's Curse) 121
Weber, T. H., Hekali, R. and Wegelius, R.: Benign Congenital Erythropenia 431
Weemaes, C., Leijh, P., Blussé van Oud Alblas, D., van der Meer, J. and van Furth, R.: Normal Microbicidal Function of Monocytes in a Girl with Chronic Granulomatous Disease 421
Verghote, M., Rousseau, E., Jacob, J. L. and Lapointe, N.: An uncommon Clinical Sign in Mucocutaneous Lymph Node Syndrome 591
Verloove-Vanhorick, S. P., Brubakk, A. M. and Ruys, J. H.: Extensive Congenital Malformations in Two Siblings
Vesikari, T., Huttunen, L. and Mäki, R.: Perinatal Campylobacter Fetus SS Jejuni Enteritis 261
Yoshika, K., Miyata, H. and Maki, S.: Transient Remission of Juvenile Rheumatoid Arthritis after Measles 419
Özalp, I., Hasanoğlu, A., Tunçbilek, E. and Yalaz, K.: Hyperlysinemia without Clinical Findings 951

Short communications

Bétend, B., David, L., Evrard, A., Grangaud, J.-P. and François, R.: A Patient with Nutritional Rickets Stage I or Partial Hypoparathyroidism 259
Dacou-Voutetakis, C., Trichopoulou, A., Papazissis, G., Lagos, P., Clontza, D., Agathopoulos, A. and Voutetakis, S.: Serum Cholesterol Concentration in Greek Pupils Aged 9–18 Years. The Effect of Puberty 257
Drew, J. H. and Arroyave, C. M.: Complement Activation: Use in the Diagnosis of Infection in Newborn Infants 255
Erichsen, G., Hauge, M., Madsen, C. M., Roed-Petersen, K. and Söndergaard, T.: Two-Generation Transmission of Oesophageal Atresia with Tracheo-Oesophageal Fistula 253
de Filippi, J. P., Kaanders, H. and Hofman, A.: Sodium in Diet and Milk of Breastfeeding Women 415
Haschke, F., Göts, M., Parth, K., Popow, C. and Schilling, R.: Plasma Aldosterone Elevation Due to Renal Sodium Wasting in a Boy with Cystic Fibrosis 763
Hijazi, S., El-Khateeb, M. and Abdulatif, D.: Lactose Malabsorption in Jordanian Infants and Young Children 759
Hochberg, Z. and Hardoff, D.: Quantitative Assessment of Nutritional Rickets by Urinary Phosphorus Excretion 579
Khanna, S., Singh, T., Arya, N. C. and Gopal, S. C.: Spectrum of Malignancies in Indian Children 761
Potter, J. L.: Benign Disaccharíduria 577
Sann, L., Bienvenu, F., Lahet, C., Bienvenu, J. and Bethenod, M.: Comparison of the Composition of Breast Milk from Mothers of Term and Preterm Infants 115
Storm, W.: Early Detection of Bacteremia by Peripheral Blood Smears in Critically Ill Newborns 417
Uhari, M., Isotalo, H., Kauppinen, R. and Kouvalainen, K.: Difference between Upper and Lower Limb Blood Pressure in Newborns 941
Werlin, S. L.: Extrahepatic Biliary Atresia in One of Twins 943

Letters to the Editor

Adelman, R.: Plethysmography in children 413
Thong, Y. H. and Simpson, D. A.: The Syndrome of Abnormal Neutrophil Chemotaxis, Unusual Facies, Proportionate Small Stature and Sensorineural Deafness-Mutism 575

Supplements

284. Boulton, John: Nutrition in Childhood and its Relationships to Early Somatic Growth, Body Fat, Blood Pressure, and Physical Fitness. 1981
285. Hardell, Lars Ivar: Serum Lipids in Birth and in Early Childhood. 1981
286. Rydelius, Per-Anders: Children of Alcoholic Fathers. Their Social Adjustment and Their Health Status over 20 Years. 1981
287. Guidelines on Infant Nutrition. II. Recommendations for the Composition of Follow-up Formula and Beikost. ESPGAN Committee on Nutrition. 1981
288. Lie, Nils: Young Law-Breakers. A Prospective-Longitudinal Study. 1981
289. Lagergren, Jan: Children with Motor Handicaps. Epidemiological, Medical and Socio-Paediatric Aspects of Motor Handicapped Children in a Swedish County. 1981
290. Ylitalo, Veli: Treatment of Obese Schoolchildren with Special Reference to the Mode of Therapy, Cardiorespiratory Performance and the Carbohydrate and Lipid Metabolism. 1981

General index

Authors Index

Adelman, R. 413
Adinolfi, M. et al. 705
Ahlfors, K. et al. 819
Ahnsjö, S. et al. 321
Alm, J. and Larsson, A. 601
Alm, J. et al. 907
Andersen, G. E. et al. 843
Andersen, R. et al. 427
Andersen, U. et al. 837
Andréasson, B. et al. 673
Annerén, G. and Sedin, G. 125
Antonelli, M. et al. 571
Aperia, A. et al. 183, 527
Appleby, G. A. J. et al. 117
Arroyave, L. M. and Drew, J. H. 255
Aynsley-Green, A. et al. 889

Bakkeren, J. et al. 43
Beard, L. J. et al. 551
Beesley, J. et al. 129
Bennet, R. et al. 207
Bétend, B. et al. 259
Bhaskaram, P. and Reddy, V. 87
van Biervliet, J. P. et al. 851
de Biéville, F. et al. 33
Boman, H. and Schneider, J. A. 389
Borgström, A. et al. 619
Bratteby, L.-E. and Swanström, S. 791, 801, 811
Brock Jacobsen, B. et al. 155
Brodersen, R. and Ebbesen, F. 649
Brook, I. 831

Carlsen, N. L. T. et al. 61
Cavell, B. 513, 517, 635, 639
Christensen, N. Chr. 485
Cicognani, A. et al. 47
Clark, C. et al. 535
Cotton, R. B. et al. 723
Cucchiara, S. et al. 945

Dacou-Voutetakis, C. et al. 257
Dalens, B. et al. 161, 743
Delange, F. et al. 1
Dewolfe, M. S. and Gibson, R. S. 497
Drew, J. H. and Arroyave, L. M. 255

Ebbesen, F. 223, 405, 643
Ebbesen, F. and Brodersen, R. 649
Eeg-Olofsson, O. et al. 167, 595
Eeg-Olofsson, O. and Liedgren, S. 581
Egeskjold, E.-M. et al. 711
Erichsen, G. et al. 253
Esscher, E. 131

Fernandes, J. et al. 677
de Filippi, J. P. et al. 415
Freundlich, E. and Suprun, H. 247
Fällström, S.-P. et al. 315
Fällström, S.-P. and Kristiansson, B. 663

Gibson, R. S. and Dewolfe, M. S. 497
Graham, G. and Whyte, J. 217
Grant, D. B. and Vejvoda, M. 903
Gustafsson, G. et al. 609
Günöz, H. et al. 521

Hagberg, B. et al. 441, 445
Haglund, M. et al. 751
Hardoff, F. and Hochberg, Z. 579
Haschke, F. et al. 763
Hattevig, G. et al. 541
Hijazi, S. et al. 759
Hjalmarsson, O. 773
Hochberg, Z. and Hardoff, D. 579
Hofvander, Y. et al. 3
Holmin, T. and Kullendorf, C. M. 755
Hoppu, K. and Santavuori, P. 369
Howard, N. J. et al. 695
Hågå, P. 861

Jansen, M. et al. 229
Jansson, L. et al. 297
Johansson, C. G. and Stenhammar, L. 379
Joner, G. and Søvik, O. 329

Kaas-Ibsen, K. 27
Kafetzis, D. A. et al. 285
Khanna, S. et al. 761
Klackenberg, G. 453
Kovar, I. and Mayne, P. 501
Kristiansson, B. et al. 655
Kristiansson, B. and Fällström, S.-P. 663
Kullendorf, C. M. and Holmin, T. 755

Lagenstein, I. et al. 857
Landin, L. and Nilsson, B. E. 919
Larsson, A. et al. 141, 147, 301, 699
Larsson, A. and Alm, J. 601
Larsson, B. et al. 281
Lewiston, N. J. et al. 935
Liedgren, S. and Eeg-Olofsson, O. 581
Lindham, S. 55
Lucas, A. et al. 195, 201
Lütschg, J. and Vasella, F. 235

Marilus, R. et al. 587
Martin, A. J. et al. 683
Martini, A. et al. 435
Matsaniotis, N. et al. 949
Mayne, P. and Kovar, I. 501
Merlob, P. et al. 275
Milner, R. D. G. et al. 9
Mitténvi, M. et al. 399
Modéer, T. et al. 373
Moe, P. J. et al. 73

Monn, E. 39
Monnens, L. et al. 583
Moretti, C. et al. 211
Morgan, J. and Mumford, P. 15
Mumford, P. and Morgan, J. 15
Mäki, M. 107

Nilsson, B. E. and Landin, L. 919

Ohlsson, A. and Serenius, F. 825
Ohlsson, A. 269
Özalp, I. et al. 951

Pedersen, P. S. et al. 507
Pedersen, S. and Sommer, B. 243
Persson, K. et al. 101
Petersen, K. E. 341
Petersen, N. T. et al. 623
Petersen, S. et al. 729, 897
Pettersen, J. E. and Winsnes, A. 309
Pettersson, H. et al. 565
Picciano, M. F. et al. 189
Pilgaard, S. et al. 67
Potter, J. L. 577
Procianoy, R. S. and Schvartsman, S. 925
Procianoy, R. S. et al. 473
Puukka, R. et al. 739
Pylkkänen, J. et al. 875, 879, 885

Raimbault, G. 179
Rasmussen, P. et al. 869
Rechnitzer, C. et al. 615
Reddy, V. and Bhaskaram, P. 87
Reitamo, S. et al. 395
Ritzén, E. M. et al. 765
Ryssing, E. 735

Sann, L. et al. 115, 479
Santavuori, P. and Hoppu, K. 369
Sato, H. et al. 409
Schneider, J. A. and Boman, H. 389
Schvartsman, S. and Procianoy, R. S. 925
Sedin, G. and Annerén, G. 125
Selvig, K. et al. 929
Serenius, F. and Ohlsson, A. 825
Shalet, S. M. et al. 81
Sharma, L. K. et al. 865
Shilkin, R. et al. 265
Siemes, H. et al. 91
Sigström, L. et al. 347
Sigström, L. 353, 361
Simpson, D. A. and Thong, Y. H. 575
Sinniah, F. and Yaday, M. 547
Sólyom, J. et al. 913
Sommer, B. and Pedersen, S. 243
Stenhammar, L. and Johansson, C.-G. 379
Stenhammar, L. 383
Stern, M. et al. 121
Stokes, G. M. et al. 689
Storm, W. 417
Suprun, H. and Freundlich, E. 247
Sveger, T. and Thelin, T. 171
Swanström, S. and Bratteby, L.-E. 791, 801, 811
Søvik, O. and Joner, G. 329

Tegner, H. et al. 629
Tikanoja, T. et al. 491
Thelin, T. and Sveger, T. 171
Thong, Y. H. and Simpson, D. A. 575

Uhari, M. et al. 941

Valkeakari, T. et al. 21
Vasella, F. and Lütschg, J. 235
Vejvoda, M. and Grant, D. B. 903
Verghote, M. et al. 591
Verkasalo, M. et al. 289
Verloove-Vanhorick, S. P. et al. 767
Vesikari, T. et al. 261, 717
Vogt, H. et al. 669
Vyas, H. et al. 785

Wardell, J. M. et al. 467
Weber, T. H. et al. 431
Weemaes, C. et al. 421, 557
Werlin, S. L. 943
Winsnes, A. and Pettersen, J. E. 309
Whyte, J. and Graham, G. 217

Yaday, M. and Sinniah, F. 547
Yamashiro, Y. et al. 337
Yap, P. L. et al. 459
Yoshioka, K. et al. 419

Subject Index

Acrodermatitis enteropathica 269
Amino acids
  cystinosis, nephropathic 389
  5-oxoprolinuria 301
  hyperlysinemia 951
  tyrosinemia 315
Alpha-l-antitrypsin
  deficiency, four-year-old children 171
Asthma
  effect on growth 683
Atopic dermatitis, immunological status 551

Bacteriology
  bacteremia, peripheral blood smears 417
  campylobacter enteritis 261
  chlamydia infections, Swedish population 101
  complement activation, infection, newborn infants 255
  cystic fibrosis, respiratory infections 623
  peritonsillar abscess 831
  septicemia, newborns 207, 825
Bilirubin
  hyperbilirubinemia, phototherapy, albumin administration 649
  reserve albumin, phototherapy 223, 405
  reserve albumin, effect of exchange transfusion 643
  serum bilirubin toxicity, index of 643

*–812876

Blood
ABO haemolytic disease, prediction of severity 217
anemia, preterm infants 861
B lymphocyte function 837
blood pressure, newborns 941
erythrocytes, sodium and potassium transport 347, 353, 361
erythrocytes, membrane proteins, phototherapy 409
erythropenia, congenital 431
haemophilia, evaluation of prophylaxis 565
haemophilia, neurological complications 235
leukemia, acute lymphoblastic in Sweden 609
leukemia, acute lymphatic, intermediate dose methotrexate 73, 615
neutrophil chemotaxis, abnormal 575
Rh-antibodies, screening for 541
thalassaemia major 547
transfusion, retrolental fibroplasia 535
Breast feeding
sodium in diet and milk 415
WHO study 281

Cardiovascular system
blood pressure, children and adolescents 27
echocardiography, descending aorta and left atrium 735
heart block, congenital, complete 131
hypertension, umbilical artery catheterization 413
hypertension, malignant, haemolytic-uremic syndrome 583
myocardium, familial steatosis 247
patent ductus arteriosus, indomethacin 729
patent ductus arteriosus, prediction of symptomatic 723
Ceroidlipofuscinosis 857
Chromosomes
inherited aberration, de Lange syndrome 581
Nijmegen breakage syndrome 557
trisomy 9 syndrome 125
Cystic fibrosis
burnout in caregivers 935
cimetidine, use of 33
cystic fibrosis factor, mucociliary activity 629
gastric emptying 635
respiratory infections 623
plasma aldosterone 763
screening test, pancreatic secretory proteins 619
17-ketosteroids in urine 507

Diabetes
Addison's disease, combination with 949
incidence and onset, seasonal variations 329
nonketotic hyperosmolar coma 337
social adjustment, personality changes 321
Down's syndrome
erythrocyte adenosine deaminase 739

Endocrine system
Addison's disease, precocious puberty 587
Addison's disease and diabetes mellitus 949
adrenogenital syndrom, discordant bone maturation 903
adrenogenital syndrome, mineralocorticoids 229
aldosterone, cystic fibrosis 763
bone maturation, discordant 903
congenital hypothyroidism, maternal thyroiditis 765
growth hormone, protein energy malnutrition 521
growth hormone, treatment, radiation-induced deficiency 81
hormonal profiles, transpyloric and nasogastric feeding 9
hypoparathyroidism, partial 259
hypopituitarism, insulin, exogenous and endogenous 47
hypothyroidism, congenital in Sweden 907
nephrogenic diabetes insipidus, prostaglandin 39
parathyroid hormone, calcitonin, low birth weight infants 479
plasma ACTH, basal values 341
precocious puberty, discordant bone maturation 903
17α-hydroxyprogesterone, radioimmunoassay 913
17-ketosteroids, cystic fibrosis 507
somatostatin, intermediary metabolism 889
thyroxine-binding globulin deficiency 155
thyroid screening 1, 141, 147
TSH, falsely elevated 699
Enuresis, longitudinal perspective 453
Enzymes
adenosine deaminase, erythrocytes, Down's syndrome 739
alkaline phosphatase, plasma, premature infants 501
enzymes, neonatal brain damage 743
erythrocyte superoxide dismutase 861
5-oxoprolinase deficiency 301
pancreatic, cystic fibrosis 619
3-hydroxy-3-methylglutaryl coenzyme A lyase deficiency 265

Fanconi syndrome
Familial, malabsorbtion, galactose intolerance 527
nephropathic cystinosis 389
Foetus
human complement 705

Galactosemia, haemoglobin A_1 695
Gastroenterology
aganglionosis of colon 121
anorectal electromyography, Hirschsprung's disease 865
chloride diarrhoea, gallbladder defect in 43
coeliac disease, incidence 379
colitis, pseudomembranous, clindamycin associated 129
diarrhoea, Rotavirus 107
enteritis, campylobacter 261
gastric emptying, infants 513, 517, 635, 639
lactose malabsorption 759
transient gastro-intestinal disorders 383
Glycogen storage disease 309
Goodpasture's syndrom 435
Granulomatous disease, monocytes 421
Greig's syndrome 275

Growth
bone mineral content 919
childhood asthma 683
growth hormone, protein energy malnutrition 521
infants, low rate of weight gain 655, 663
preterm infants, transpyloric and nasogastric feeding 9
radiation-induced growth hormone deficiency 81

Hypercholesterolemia, familial 677

Immunology
anti-IgG antibodies, rheumatoid arthritis 711
atopic dermatitis, immunological status 551
B Lymphocyte function 837
gammaglobulin, oligoclonal in CSF 91
human complement, foetal life 705
IgA, plasma and saliva 373
immunoglobulins, complement, thalassaemia major 547
placental transfer of antirabbit IgG 699
Rh-antibodies, screening for 541
secretory immunity, witch's milk 459
Infectious diseases
campylobacter enteritis 261
chlamydia infections, Swedish population 101
CNS-infections, chronic and prolonged 91
cytomegalo virus infection, congenital 819
legionnaires disease, erythema multiforme 427
rotavirus diarrhoea 107, 717
sepicemia, neonatal, Saudi Arabia 825

Kartagener's triad 571
Kawasaki disease 591

Lactoferrin, fetal tissue 395
Lipids, serum, plasma
apoprotein, lipid patterns, newborns 851
cholesterol concentration, Greek pupils 257
familial hypercholesterolemia, effect of diet 677
hyperlipemia, association with fathers' heart disease 843
lipids, low birth weight infants 485
Liver
benign tumours, diagnostic aids 755
bile acids, congenital chloride diarrhoea 43
extrahepatic biliary atresia 943
fatty degeneration 247
gallbladder hydrops 117

Malformations
aganglionosis of colon 121
craniofacial dysmorphism, polysyndactyly 275
disaccharidiuria, benign 577
new syndrome 767
oesophageal atresia 253
omphalocele, gastroschisis 55
Metabolism
asphyxia and obstetric analgesia, metabolic effects 791, 301, 811
bone mineral content 919
cystinosis, nephropatic, prenatal diagnosis 389
dicarboxylic aciduria 309
disaccharidiuria 577
energy expenditure, infants 15
5-oxoprolinuria 301
galactose intolerance, familial Fanconi syndrome 527
glycogen storage disease 309
hyperlysinemia 951
screening programme, evaluation 601
sodium and potassium transport in erythrocytes 347, 353, 361
somatostatin, enteroinsular hormone release 889
tyrosinemia, hereditary 315
Methodology
anorectal electromyography 865
contrast echocardiography 735
fiberoptic endoscopy 945
nasal prongs, IPPV 211
radioimmunoassay. 17α-hydroxyprogesterone 913
screening, cystic fibrosis, pancreatic secretory proteins 619
screening programme, evaluation 601
thyroid screening 141
Milk
cow's milk intolerance 289
human milk, intake 189
human milk, lead and cadmium in 281
human milk, leukocytes, bactericidal activity 87
human milk, mothers of term and preterm infants 115
human milk, organochlorine contaminants 3
human milk, passage of cephalosporins and amoxicillin 285
human milk, triglyceride content, freezing and thawing 467
human milk, vs formula, gastric emptying 639
neonatal milk, mammary secretory immunity 459
Mucocutaneous lymph node syndrome, retinal exudate 591

Nephrology
Goodpasture's syndrome 435
nephropathic cystinosis 389
renal function, postnatal development 183
renal transportation, children of female recipients 869
tubular damage, hereditary tyrosinemia 315
tubular proteinuria, perinatal hypoxia 399
urinary tract infection, diagnosis 875, 879
urinary tract infection, therapy 885
Nervous system
acute seizures, diazepam rectal solution 369
brain tumours, radiation treatment 81
cerebrospinal fluid, cytology, brain damage 161
cerebrospinal fluid proteins 167
CNS-infections, oligoclonal gammaglobulin in CSF 91
epilepsia, phenytoin and IgA, plasma and saliva 373
febrile convulsions, prophylaxis 67
haemophilia, neurological complications 235
intraventricular hemorrhage, low birth weight infants 473
neonatal brain damage, enzymes 743
neuronal ceroidlipofuscinosis, CCT findings 857
tuberous sclerosis, infantile spasm 751
Neurotensin 201

Newborn infants
ABO haemolytic disease 217
apoprotein and lipid patterns 851
asphyxia and obstetric analgesia, metabolic effects 791, 801, 811
bacteremia, early detection 417
bloodpressure, upper and lower limb 941
brain damage, enzymes 743
cholic acid, plasma 491
contrast echocardiography 735
gallbladder hydrops 117
gestational age, clinical assessment 669
infection, complement activation 255
metabolic screening programme, evaluation 601
neurotensin 201
pesticides, blood concentration 925
phototreatment, bilirubin reserve albumin 223
phototreatment, follow-up study 15
renal function 183
respiratory disorders, epidemiology and classification 773
septicemia, increasing incidence 207
septicemia, Saudi Arabia 825
thyroid screening 1, 141, 147
TSH, falsely elevated 699
tubular proteinuria 399
umbilical artery catheterization 413
viral infections, screening for 673
witch's milk, mammary secretory immunity 459
zinc concentrations, serum 497
Nutrition
cow's milk intolerance 289
gamma-tocopherol, effect in formula feeding 297
influence on apoprotein and lipid patterns 851
milk feed, metabolic and endocrine responses 195
mineral intakes, breastfed infants 189
protein energy malnutrition, growth hormone 521

Ondine's curse 121

Pesticides, mothers and newborns 925
Pharmacology
cephalosporins, passage into breast milk 285
diazepam, rectal solution 369
indomethacin concentrations, preterm infants 729
methotrexate in plasma and CSF, intermediate dose 615
phenytoin, plasma and saliva 373
theophylline, rectal administration 243
theophylline, sustained release tablet 929
Placenta
transfer of maternal antirabbit IgG 699
Phototherapy 21, 223, 405, 409, 649
Prostaglandin synthetase inhibitors 39
Premature and low birth weight infants
alkaline phosphatase, plasma
apnoea and bradycardia 785
ceruloplasmin and erythrocyte superoxide dismutase 861
cholic acid, plasma 491
early anemia 861
intermittent positive pressure ventilation 211
intraventricular hemorrhage, retinopathy 473
lipids, blood 485
neurotensin 201
parathyroid hormone, calcitonin, 25-hydroxy cholecalciferol 479
patent ductus arteriosus, indomethacin 729
patent ductus arteriosus, prediction of symptomatic 723
phototherapy 649
renal function 183
transpyloric and nasogastric feeding 9
zinc concentration, serum 497
Psychiatry and psychology
burnout caregivers in cystic fibrosis 935
children and death 179
enuresis, nocturnal, longitudinal perspective 453
mental retardation, school children 441, 445
personality changes, diabetes mellitus 321

Retrolental fibroplasia, blood transfusion 535
Rheumatoid arthritis
anti-IgG antibodies 711
transient remission after measles 419
Respiratory system
apnoea and bradycardia, preterm infants 785
bronchiolitis, work of breathing 689
epidemiology and classification, newborns 773
Goodpasture's syndrome 435
immotile cilia syndrome 571
infections, cystic fibrosis 623
intermittent positive pressure ventilation 211
mucociliary activity, cystic fibrosis serum 629
Rickets
nutritional, assessment by phosphorous excretion 579
nutritional, stage 1 259

Social paediatrics
social adjustment, diabetes 321
Steatosis, familial 247

Thalassaemia major, immunoglobulins, complement 547
Tumour
benign liver tumours, diagnostic aids 755
gastric lymphoma, endoscopy 945
neuroblastoma 61
spectrum in Indian children 761
spinal cord, recurrent abdominal pains 595

Virology
cytomegalovirus infection, congenital 819
Rotavirus diarrhoea 107, 717
screening for viral infections, low birth weight infants 673
Vitamins
gamma-tocopherol 297
1α-hydroxy-vitamin D, serum calcium 897

Zink, serum, newborn infants 497